

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. 10991744-4

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Janice Nickel

Confirmation No.: 8131

Application No.: 09/981,277

Examiner: M. Lewis

Filing Date: 10/17/2001

Group Art Unit: 2822

Title: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING FERROMAGNETIC LAYERS  
HAVING FLATTENED PEAKS

Mail Stop AF  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

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MAY 26 2004

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	11	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) hereby certify that this paper is being transmitted  
to the Patent and Trademark Office facsimile  
number (703) 872-9319 on 5/28/2004  
Number of pages: 17

Typed Name: Hugh P. Gortler

Signature: 

Janice Nickel

By 

Hugh P. Gortler

Attorney/Agent for Applicant(s)  
Reg. No. 33,890

Date: 5/28/2004

Rev 05/04 (TrAmFAX)

Telephone No.: (949) 454-0898

- Attach as First Page to Transmitted Papers -

PATENT  
PDNO 10991744-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Confirmation No. 8131  
Janice Nickel :  
Serial No. 09/981,277 : Examiner: Monica Lewis  
Filed: October 17, 2001 : Group Art Unit: 2822

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For: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING  
FERROMAGNETIC LAYERS HAVING FLATTENED PEAKS

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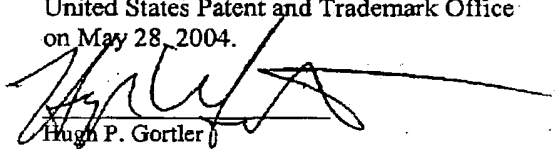
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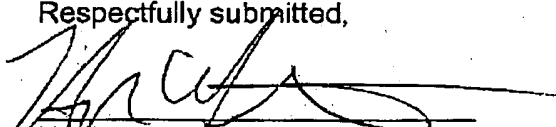
**RESPONSE**

This is a response to the office action dated March 25, 2004 and made final. This response includes a listing of claims, and a section for remarks. No amendments were made to the claims.

Respectfully submitted,

I hereby certify that this correspondence is being  
facsimile transmitted to the  
United States Patent and Trademark Office  
on May 28, 2004.

  
Hugh P. Gortler

  
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Reg. No. 33,890

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Date: May 28, 2004